

Converting Colors

CIELCh(47, 13.555, 28.433)

Have a look what the booklet for
CIELCh(47, 13.555, 28.433) contains.

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Color

CIELCh(47, 13.555, 28.433)

Conversions

Conversions Part 1

Format	Color
Hex	876865
RGB	135, 104, 101
RGB Percent	53%, 41%, 40%
CMY	0.4702, 0.5918, 0.6036
CMYK	0.00, 0.23, 0.25, 0.47
HSL	5°, 14%, 46%
HSV	5°, 25%, 53%
XYZ	17.3204, 16.0195, 14.5144
YIQ	112.9270, 19.4390, 5.6390

Conversions

Conversions Part 2

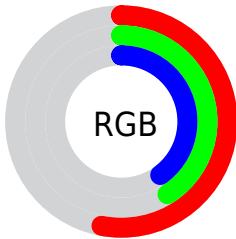
Format	Color
R_{YB}	135, 104, 101
Decimal	8874085
CIE _{Lab}	47.00, 11.92, 6.45
CIE _{LCh}	47, 13.555, 28.433
Yxy	16.0195, 0.3619, 0.3348
Android (android.graphics.Color)	4287064165 (0xFF876865)
YUV	112.9270, -5.8800, 19.3580
Hunter-Lab	40.0243, 7.2027, 6.5161

Details

The CIELCh color $47, 13.555, 28.433$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $53, 11.454, 207.093$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 13.674, 27.496$, and $27, 13.323, 30.043$ is the 20% darker color. If you saturate the color by 10%, you get $43, 19.696, 29.174$, and if you desaturate by 10%, it is $51, 7.850, 27.897$.

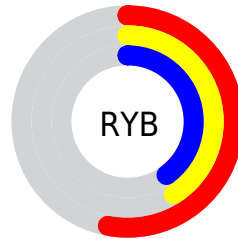
Distribution



Red (53%)

Green (41%)

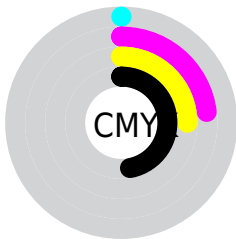
Blue (40%)



Red (53%)

Yellow (41%)

Blue (40%)

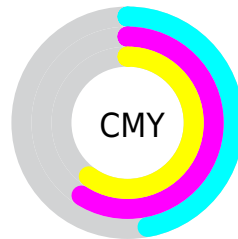


Cyan (0%)

Magenta (23%)

Yellow (25%)

Black (47%)



Cyan (47%)

Magenta (59%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 13.555, 28.433 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 47, 13.555, 28.433 by changing the saturation by 10% instead.

■ 47, 13.555, 28.433

■ 47, 13.555, 28.433

■ 100, 13.555,
28.433

■ 37, 13.555, 28.433

■ 67, 13.555, 28.433

■ 27, 13.555, 28.433

■ 77, 13.555, 28.433

■ 17, 13.555, 28.433

■ 87, 13.555, 28.433

■ 7, 13.555, 28.433

■ 97, 13.555, 28.433

■ 0, 13.555, 28.433

■ 47, 13.555, 28.433

■ 47, 13.555, 28.433

■ 43, 19.696, 29.174

■ 51, 7.850, 27.897

■ 40, 26.264, 30.164

■ 54, 2.572, 27.424

37, 33.204, 31.476

58, 2.309, 207.521

34, 40.408, 33.167

62, 6.829, 207.245

32, 47.685, 35.239

66, 11.025,
207.134

30, 54.685, 37.550

70, 14.934,
207.087

28, 60.569, 39.501

28, 62.909, 40.412

74, 18.591,
207.083

77, 22.026,
207.109

81, 25.266,
207.158

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47, 13.555, 28.433



53, 11.454, 207.093

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47, 13.555, 28.433



47, 13.555, 78.433



47, 13.555, 208.433



47, 13.555, 258.433

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47, 13.554, 28.440



68, 4.995, 27.580



47, 22.682, 328.162



35, 3.597, 27.642



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47, 13.554, 28.440



58, 20.483, 28.815



52, 13.049, 80.712



26, 2.805, 27.623



27, 60.915, 40.217



0, 0.650, 27.438

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53, 11.454, 207.093



67, 16.604, 207.081



48, 12.626, 267.567



27, 2.651, 207.340



45, 27.404, 211.374



1, 0.650, 207.457

Previews

White Background



This preview shows how the CIELCh color 47, 13.555, 28.433 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 47, 13.555, 28.433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

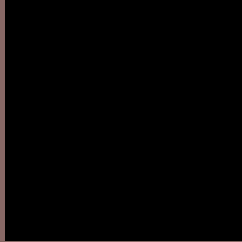
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 13.555, 28.433

Background



This preview shows how black text looks on a background with the CIELCh color 47, 13.555, 28.433.



This preview shows how white text looks on a background with the CIELCh color 47, 13.555, 28.433.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

47, 13.555, 28.433

Protanopia

47, 3.901, 84.328

Deuteranopia

47, 9.483, 49.831



Tritanopia
47, 14.561, 2.540

Trichromacy



Original Color
47, 13.555, 28.433

Protanomaly
47, 6.379, 41.640

Deuteranomaly
47, 10.807, 42.726

Tritanomaly
47, 14.174, 11.730

Monochromacy



Original Color
47, 13.555, 28.433

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 4.609, 27.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 13.555, 28.433 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(135, 104, 101)` looks like.

```
.text, #text, p{  
    color:rgb(135, 104, 101)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(135, 104, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 104, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 13.555, 28.433 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 104, 101) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(135, 104, 101) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(135, 104, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 104, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 104, 101);  
box-shadow:4px 4px 4px 4px rgb(135, 104,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 13.555, 28.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 104, 101) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(135,  
104, 101) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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